

Name : Rewan Ahmed Ibrahim

Joins ASS

Query 1

Query 1 sakila-schema sakila-data SQL File 5*

```
1 • USE SAKILA;
2 #QUERY_1
3 • SELECT
4     film.film_id , film.title ,category.name as category
5     from film
6     join film_category on film_category.film_id = film.film_id
7     join category on film_category.category_id = category.category_id;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Fetch rows: Result Grid Form Editor Field Types Query Stats Read Only

film_id	title	category
19	AMADEUS HOLY	Action
21	AMERICAN CIRCUS	Action
29	ANTITRUST TOMATOES	Action
38	ARK RIDGEMONT	Action
56	BAREFOOT MANCHURIAN	Action
67	BERETS AGENT	Action
97	BRIDE INTRIGUE	Action
105	BULL SHAWSHANK	Action
111	CADDYSHACK JEDI	Action
115	CAMPUS REMEMBER	Action
126	CASUALTIES ENCINO	Action
130	CELEBRITY HORN	Action
162	CLUELESS BUCKET	Action
194	CROW GREASE	Action
205	DANCES NONE	Action
210	DARKO DORADO	Action

Output :

Query 2

Query 1 sakila-schema sakila-data SQL File 5*

```
8 #QUERY_2
9 • select
10    film.film_id , film.title , concat(actor.first_name , " " , actor.last_name) as actor_fullname
11   from film
12   join film_actor on film_actor.film_id = film.film_id
13   join actor on film_actor.actor_id = actor.actor_id;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Fetch rows: Result Grid Form Editor Field Types Query Stats Read Only

film_id	title	actor_fullname
480	JEEPERS WEDDING	ED CHASE
539	LUCK OPUS	ED CHASE
618	NECKLACE OUTBREAK	ED CHASE
685	PLATOON INSTINCT	ED CHASE
827	SPICE SORORITY	ED CHASE
966	WEDDING APOLLO	ED CHASE
967	WEEKEND PERSONAL	ED CHASE
971	WHALE BIKINI	ED CHASE
996	YOUNG LANGUAGE	ED CHASE
23	ANACONDA CONFESSIONS	JENNIFER DAVIS
25	ANGELS LIFE	JENNIFER DAVIS
56	BAREFOOT MANCHURIAN	JENNIFER DAVIS
62	BED HIGHBALL	JENNIFER DAVIS
79	BLADE POLISH	JENNIFER DAVIS
87	BOONDOOK RAIL ROOM	JENNIFER DAVIS

Result 3 x

Query 3

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query editor contains the following SQL code:

```
1 • USE SAKILA;
2 • #QUERY_3
3 • select c.customer_id, f.title, r.rental_date ,
4     concat(c.first_name, ' ', c.last_name) as customer_fullname
5     from customer c
6     join rental r on r.customer_id = c.customer_id
7     join inventory i on i.inventory_id = r.inventory_id
8     join film f on f.film_id = i.film_id;
```

The result grid displays the following data:

customer_id	title	rental_date	customer_fullname
431	ACADEMY DINOSAUR	2005-07-08 19:03:15	JOEL FRANCISCO
518	ACADEMY DINOSAUR	2005-08-02 20:13:10	GABRIEL HARDER
279	ACADEMY DINOSAUR	2005-08-21 21:27:43	DIANNE SHELTON
411	ACADEMY DINOSAUR	2005-05-30 20:21:07	NORMAN CURRIER
170	ACADEMY DINOSAUR	2005-06-17 20:24:00	BEATRICE ARNOLD
161	ACADEMY DINOSAUR	2005-07-07 10:41:31	GERALDINE PERKINS
581	ACADEMY DINOSAUR	2005-07-30 22:02:34	VIRGIL WOFFORD
359	ACADEMY DINOSAUR	2005-08-23 01:01:01	WILLIE MARKHAM
39	ACADEMY DINOSAUR	2005-07-31 21:36:07	DEBRA NELSON
541	ACADEMY DINOSAUR	2005-08-22 23:56:37	DARREN WINDHAM
301	ACADEMY DINOSAUR	2005-08-02 00:47:19	ROBERT BAUGHMAN
344	ACADEMY DINOSAUR	2005-08-21 18:32:42	HENRY BILLINGSLEY
587	ACADEMY DINOSAUR	2005-05-27 07:03:28	SERGIO STANFIELD

On the right side of the interface, there is a vertical toolbar with icons for Result Grid, Form Editor, and Field Types. The 'Result Grid' icon is highlighted.

Query 4

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query editor contains the following SQL code:

```
1 • USE SAKILA;
2 • #QUERY_4
3 • select c.customer_id, c.first_name, c.last_name
4     from customer c
5     left join payment p on p.customer_id = c.customer_id
6     where p.payment_id is null;
7
8
```

The result grid displays the following data:

customer_id	first_name	last_name

On the right side of the interface, there is a vertical toolbar with icons for Result Grid, Form Editor, and Field Types. The 'Result Grid' icon is highlighted.

Query 5

Query 1 sakila-schema sakila-data SQL File 5* ×

```
1 • USE SAKILA;
2 • #QUERY_5
3 • SELECT c.customer_id,
4     CONCAT(c.first_name, ' ', c.last_name) AS customer_name,
5     SUM(p.amount) AS total_paid
6     FROM customer c
7     JOIN payment p ON c.customer_id = p.customer_id
8     GROUP BY c.customer_id, c.first_name, c.last_name;
9
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Result Grid Form Editor Field Types Read Only

customer_id	customer_name	total_paid
1	MARY SMITH	118.68
2	PATRICIA JOHNSON	128.73
3	LINDA WILLIAMS	135.74
4	BARBARA JONES	81.78
5	ELIZABETH BROWN	144.62
6	JENNIFER DAVIS	93.72
7	MARIA MILLER	151.67
8	SUSAN WILSON	92.76
9	MARGARET MOORE	89.77
10	DOROTHY TAYLOR	99.75
...	UICA ANDERSON	100.76

Result 32 ×

Query 6

Query 1 sakila-schema sakila-data SQL File 5* ×

```
1 • USE SAKILA;
2 • #QUERY_6
3 • select staff.staff_id, staff.first_name, staff.last_name, rental.rental_id, rental.rental_date
4   from staff
5   left join rental on staff.staff_id = rental.staff_id;
```

Result Grid | Filter Rows: Export: Wrap Cell Content: Fetch rows: Result Grid Form Editor Field Types Query Stats Read Only

staff_id	first_name	last_name	rental_id	rental_date
1	Mike	Hillyer	1	2005-05-24 22:53:30
1	Mike	Hillyer	2	2005-05-24 22:54:33
1	Mike	Hillyer	3	2005-05-24 23:03:39
1	Mike	Hillyer	5	2005-05-24 23:05:21
1	Mike	Hillyer	6	2005-05-24 23:08:07
1	Mike	Hillyer	9	2005-05-25 00:00:40
1	Mike	Hillyer	13	2005-05-25 00:22:55
1	Mike	Hillyer	14	2005-05-25 00:31:15
1	Mike	Hillyer	15	2005-05-25 00:39:22
1	Mike	Hillyer	17	2005-05-25 01:06:36
1	Mike	Hillyer	19	2005-05-25 01:17:24
1	Mike	Hillyer	23	2005-05-25 02:40:21
1	Mike	Hillyer	24	2005-05-25 02:53:02
1	Mike	Hillyer	26	2005-05-25 03:36:50
1	Mike	Hillyer	30	2005-05-25 04:01:32
1	Mike	Hillyer	31	2005-05-25 04:05:17
...	--	--

Result 3 ×

Query 7

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query editor contains the following SQL code:

```
1 • USE SAKILA;
2 • #QUERY_7
3 • select f.film_id,f.title
4   from film f
5   left join inventory i on i.film_id = f.film_id
6   left join rental r on i.inventory_id = r.inventory_id
7   where r.rental_id is null
8
```

The result grid displays the following data:

film_id	title
1	ACADEMY DINOSAUR
14	ALICE FANTASIA
33	APOLLO TEEN
36	ARGONAUTS TOWN
38	ARK RIDGEMONT
41	ARSENIC INDEPENDENCE
87	BOONDOCK BALLROOM
108	BUTCH PANTHER
128	CATCH AMISTAD
144	CHINATOWN GLADIATOR
148	CHOCOLATE DUCK
171	COMMANDMENTS EXPRESS
192	CROSSING DIVORCE
195	CRIMSON TELEMARK

Result 4 x Read Only

Query 8

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query editor contains the following SQL code:

```
1 • USE SAKILA;
2 • #QUERY_8
3 • select f.film_id , f.title,
4   COUNT(r.rental_id) as rental_count
5   from film f
6   join inventory i on f.film_id = i.film_id
7   join rental r on i.inventory_id = r.inventory_id
8   GROUP BY f.film_id, f.title;
```

The result grid displays the following data:

film_id	title	rental_count
1	ACADEMY DINOSAUR	23
2	ACE GOLDFINGER	7
3	ADAPTATION HOLES	12
4	AFFAIR PREJUDICE	23
5	AFRICAN EGG	12
6	AGENT TRUMAN	21
7	AIRPLANE SIERRA	15
8	AIRPORT POLLOCK	18
9	ALABAMA DEVIL	12
10	ALADDIN CALENDAR	23
11	ALAMO VIDEOTAPE	24
12	ALASKA PHANTOM	26

Result 10 x Read Only

Query 9

Query 1 sakila-schema sakila-data SQL File 5* ×

File Edit View Insert Tools Window Help

1 • USE SAKILA;
2 #QUERY_9
3 • select s.store_id, ad.address, c.city, co.country
4 from store s
5 join address ad on ad.address_id = s.address_id
6 join city c on c.city_id = ad.city_id
7 join country co on c.country_id = co.country_id
8

Result Grid | Filter Rows: Export: Wrap Cell Content: □

store_id	address	city	country
1	47 MySakila Drive	Lethbridge	Canada
2	28 MySQL Boulevard	Woodridge	Australia

Result 11 × Read Only

Result Grid Form Editor Field Types